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ABSTRACT

Methods and apparatuses are provided for an electrical device that employs a feedthrough including a hermetic seal that seals an interior region of the electrical device. The electrical device includes an electrical contact disposed within the interior region of the electrical device, and a wire terminal that includes an encircled portion that is encircled by the feedthrough, and a first end that electrically connects with said electrical contact. When the electrical device is constructed, the first end of the wire terminal is coated with a conductive metal that is more resistant to oxidation than the wire terminal. The first end of the wire terminal is secured to the electrical contact using a mechanical device such as a crimping connector or a spring connector.